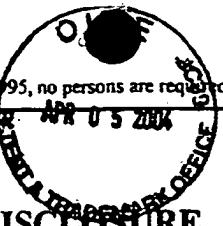


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 <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <small>(use as many sheets as necessary)</small>				Complete if Known	
Substitute for Form 1449/A/PTO <b>APR 5 2004</b>				Application No.	09/780,650
				Filing Date	02/12/2001
				First Named Inventor	D'Amato
				Group Art Unit	1616
				Examiner Name	Badio, Barbara P.
Sheet	1	of	31	Attorney Docket Number	
05213-0493 (43170-253692)					

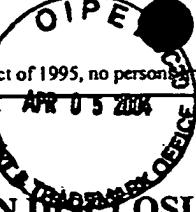
**U.S. PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document Number <sup>2</sup>	Kind Code <sup>3</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	2,584,271		Huffman	02/05/1952	
	2	2,846,453		Hoehn	08/05/1958	
	3	3,166,577		Ringold et al.	01/19/1965	
	4	3,410,879		Smith et al.	11/12/1968	
	5	3,470,218		Farah	09/30/1969	
	6	3,492,321		Crabbe	01/27/1970	
	7	3,496,272		Kruger (Identifier only)	02/17/1970	
	8	3,562,260		De Ruggieri et al.	02/09/1971	
	9	3,956,348		Hilscher	05/11/1976	
	10	4,212,864		Tax	07/15/1980	
	11	4,307,086		Tax	12/22/1981	
	12	4,552,758		Murphy et al.	11/12/1985	
	13	4,634,705		DeBernardis et al.	01/06/1987	
	14	4,808,402		Leibovich et al.	02/28/1989	
	15	4,994,443		Folkman et al.	02/19/1991	
	16	5,135,919		Folkman et al.	08/04/1992	
	17	5,521,168		Clark	05/28/1996	
	18	5,621,124		Seilz et al.	04/15/1997	
	19	5,629,340		Kuwano et al.	05/13/1997	
	20	5,639,725		O'Reilly et al.	06/17/1997	
	21	5,716,981		Hunter et al.	02/10/1998	
	22	5,733,876		O'Reilly et al.	03/31/1998	
	23	5,763,432		Tanabe et al.	06/09/1998	
	24	5,776,704		O'Reilly et al.	07/07/1998	

Examiner Signature	Date Considered
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<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>5</sup>Applicant is to place a check mark here if English language translation is attached.

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				Application No.	09/780,650
				Filing Date	02/12/2001
				First Named Inventor	D'Amato
				Group Art Unit	1616
				Examiner Name	Badio, Barbara P.
Sheet	2	of	31	Attorney Docket Number	05213-0493 (43170-253692)

## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number <sup>2</sup>	Kind Code <sup>3</sup> (if known)	Name of Patentee or Applicant of Cited Document	
	25	5,792,845		O'Reilly et al.	08/11/1998
	26	5,837,682		O'Reilly	11/17/1998
	27	5,854,205		O'Reilly et al.	12/29/1998
	28	5,854,221		Cao et al.	12/29/1998
	29	5,861,372		Folkman et al.	01/19/1999
	30	5,885,795		O'Reilly et al.	03/23/1999
	31	5,892,069		D'Amato et al.	04/06/1999
	32	5,958,892		Mukhopadhyay et al.	09/28/1999
	33	6,011,023		Clark et al.	01/04/2000
	34	6,046,186		Tanabe et al.	04/04/2000
	35	6,054,598		Sachdeva et al.	04/25/2000
	36	6,136,992		Ram et al.	10/24/2000
	37	6,200,966		Stewart	03/13/2001
	38	6,239,123		Green et al.	05/29/2001
	39	6,284,789	B1	LaLonde et al.	09/04/2001
	40	6,358,940	B1	Conney	03/19/2002
	41	6,399,773	B1	Liu et al.	06/04/2002
	42	6,410,029	B1	Mukhopadhyay et al.	06/25/2002
	43	6,514,971	B1	Thomas et al.	02/04/2003
	44	6,528,676	B1	D'Amato et al.	03/04/2003
	45	6,605,622	B2	Green et al.	08/12/2003

Examiner Signature	Date Considered
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						Application No.		09/780,652	
						Filing Date		02/12/2001	
						First Named Inventor		D'Amato	
						Group Art Unit		1616	
						Examiner Name		Badio, Barbara P.	
Sheet	3	of	31	Attorney Docket Number		05213-0493 (43170-253692)			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>2</sup>
		Office <sup>3</sup>	Number <sup>4</sup> (if known)				
46	DE	1907330		Sandoz Ltd. (Identifier only)	10/23/1969		
47	DE	2 004 516		VEB Jenapharm	09/10/1970		No
48	DE	27 57 157		Schering AG	12/19/1977		
49	DE	3625315		Schering A.-G (Identifier only)	01/28/1988		
50	EPO	0166937	A2	Abbott Laboratories	08/01/1986		
51	GB	857,080		Syntex S.A.	12/29/1960		
52	GB	857,081		Syntex S.A.	12/29/1960		
53	GB	1,570,597		Takeda et al.	07/02/1980		
54	JP	42-928	B	DAINIPPON PHARM CO LTD (abstract only)	01/18/1967		
55	JP	39-5480	B	Teikoku Hormone Mfg. Co.			No
56	JP	11-209322			08/03/1999		No
57	JP	58-131978		Lilly & Co Eli (Eli)	08/06/1983		No
58	JP	63090763	A	Research Development Corp. of Japan (Abstract only)	04/21/1988		

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<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

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				First Named Inventor	D'Amato
				Group Art Unit	1616
				Examiner Name	Badio, Barbara P.
Sheet	4	of	31	Attorney Docket Number	05213-0493 (43170-253692)

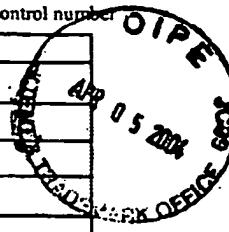
### FOREIGN PATENT DOCUMENTS

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		Office <sup>3</sup>	Number <sup>4</sup> (if known)				
59	JP	63-119500		Dai Ichi Seiyaku Co Ltd.	05/24/1988		No
60	JP	41 000100	A	Dainippon Pharmaceutical Co., Ltd. (abstract only)	01/07/1966		
61	SU	1240038	A1	A MED ONCOLOGY CENTRE (abstract only)	10/27/1996		
62	WO	00/07576	A2	ENDORECHERCHE, INC	02/17/2000		
63	WO	00/10552	A2	Global Vascular Concepts, Inc.	03/02/2000		
64	WO	87/02367	A3	The Upjohn Company	04/23/1987		
65	WO	88/08002	A1	The Upjohn Company	10/20/1988		
66	WO	93/19746	A1	ORION-YH-TYMA OY	10/14/1993		
67	WO	95/04535	A1	The Children's Medical Center Corporation	02/16/1995		
68	WO	98/32763	A1	SRJ International	07/30/1998		
69	WO	98/40398		Pharm-Eco Laboratories, Inc.	09/17/1998		
70	WO	99/01142	A1	Hyal Pharmaceutical Corporation	01/14/1999		
71	WO	99/22728	A1	Arch Development Corporation	05/14/1999		

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<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. \*Applicant is to place a check mark here if English language translation is attached.

Substitute for Form 1449/A/PTO				Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				Application No.	09/780,650
Sheet	5	of	31	Filing Date	02/12/2001
				First Named Inventor	D'Amato
				Group Art Unit	1616
				Examiner Name	Badio, Barbara P.
				Attorney Docket Number	05213-0493 (43170-253692)

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		Office <sup>3</sup>	Number <sup>4</sup> (if known)				
72	WO	99/33858	A3	SRI International	07/08/1999		
73	WO	99/33859	A2	SRI International	07/08/1999		
74	WO	99/35150	A3	Arizona Board of Regents	07/15/1999		

Examiner Signature		Date Considered	
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<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

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				Application No.	09/780,650
				Filing Date	02/12/2001
				First Named Inventor	D'Amato
				Group Art Unit	1616
Examiner Name	Badio, Barbara				
Sheet	6	of	31	Attorney Docket Number	05213-0493 (43170-253692)

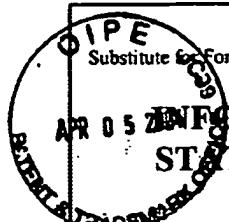
**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T <sup>2</sup>
	75	Author:  Publ: <u>Dictionary of Drugs (1990), Dict. of Steroids (1991), Dict. of Org. Compds (6th Ed) (1996), Dict. of Pharm. Agents (1997)</u>	Title: Liloipristone/(1-[4-(Dimethylamino)phenyl]-17-hydroxy-17-(3-hydroxy-1-propenyl) estra-4,9-diene-3-one; AK 98734		
	76	Author:  Publ: <u>The Merck Index 11th Edition</u>	Vol/iss:	Pages:	Date:
	77	Author:  Publ: <u>Chemical Abstracts</u>	Vol/iss:	Pages:	Date:
	78	Author:  Publ: <u>Chemical Abstracts</u>	Vol/iss:	Pages:	Date:
	79	Author:  Publ: <u>Chemical Abstracts</u>	Vol/iss:	Pages:	Date:
	80	Author:  Publ: <u>Chemical Abstracts</u>	Vol/iss:	Pages:	Date:
	81	Author:  Publ: <u>Chemical Abstracts</u>	Vol/iss:	Pages:	Date:

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<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

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Sheet 3 of 31

 <b>Information Disclosure Statement by Applicant</b> (use as many sheets as necessary)				Complete if Known	
Sheet	7	of	31	Application No.	09/780,650
				Filing Date	02/12/2001
				First Named Inventor	D'Amato
				Group Art Unit	1616
				Examiner Name	Badio, Barbara P.
				Attorney Docket Number	05213-0493 (43170-253692)

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner initials      Cite No.<sup>1</sup>      Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published      T\*

82 Author: Title: Registry Number: 101277-11-6  
Publ: Chemical Abstracts Vol/Iss: Pages: Date:

83	<b>Author:</b> <b>Publ:</b> <u>Genetic Engineering News</u>	<b>Title:</b> News Article: Hoffman-La Roche Signs \$70 Million Deal with Millenium on Genomics Technology	
		<b>Vol/iss:</b> <b>Pages:</b> <b>Date:</b> 4/15/1994	

	84	<b>Author:</b> <b>Publ:</b> <u>Genetic Engineering News</u>	<b>Title:</b> News Article: Advanced Drug Delivery Systems Peak Interest of Pharmaceutical & Biotech Firms
		<b>Vol/iss:</b>	<b>Pages:</b>

85 Author: Title: News Article: Nasal Spray for Treating Bleeding Disorders  
Publ: Genetic Engineering News  
Vol/Iss: Pages: Date: 4/15/1994

86	Author: ABOULWAFA et al.  Publ: Steroids	Title: Synthesis and evaluation for uterotrophic and antiimplantation activities of 2-substituted estradiol derivatives
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87	Author: AIZU-YOKOTA et al.  Publ: <u>Cancer Research</u>	Title: Natural Estrogens Induce Modulation of Microtubules in Chinese Hamster V79 Cells in Culture
		Volumes: 55 Pages: 1863-1868 Date: 05/01/95

88	Author: ALGIRE, G.H. et al.  Publ: <u>Journal of the National Cancer Institute</u>	Title: Vascular reactions of normal and malignant tumors <i>in vivo</i> . I. Vascular reactions of mice to wounds and to normal and neoplastic transplants		
		Volume: 55	Pages: 73-85	Date: 08/1945

Examiner Signature		Date Considered	
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
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Complete if Known	
Application No.	09/780,650
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	89	Author: ALIEV et al.  Publ: <u>Chemical Abstracts</u>	Title: 54929q Synthesis of cycloalkyl derivatives of dihydric phenols and their ethers  Vol/Iss: 72	Pages: 370	Date: 1970
	90	Author: ANSTEAD et al.  Publ: <u>Steroids</u>	Title: The Estradiol Pharmacophore: Ligand Structure-Estrogen Receptor Binding Affinity Relationships and a Model for the Receptor Binding Site  Vol/Iss: 62	Pages: 268-303	Date: 1997
	91	Author: ARNOLDI et al.  Publ: <u>Journal of Agric. Food Chem.</u>	Title: Sweet Isovanillyl Derivatives: Synthesis and Structure-Taste Relationships of Conformationally Restricted Analogs (Abstract only)  Vol/Iss: 46(10)	Pages: 4002-4010	Date: 1998
	92	Author: ATTALLA et al.  Publ: <u>Biochemical and Biophysical Research Communications</u>	Title: 2-Methoxyestradiol Arrests Cells in Mitosis without Depolymerizing Tubulin  Vol/Iss: 228	Pages: 467-473	Date: 1996
	93	Author: ATTALLA et al.  Publ: <u>Biochemical and Biophysical Research Communications</u>	Title: 2-Methoxyestradiol-Induced Phosphorylation of Bcl-2: Uncoupling from JNK/SAPK Activation (Abstract only)  Vol/Iss: 247 (3)	Pages: 616-619	Date: 6/29/1998
	94	Author: AUDIER et al.  Publ: <u>Bulletin De La Societe Chimique De France</u>	Title: Orientation de la fragmentation en spectrometrie de masse par introduction de groupements fonctionnels. VII. - Ethylenecetals de ceto-2 steroïdes  Vol/Iss: 10	Pages: 3088-3090	Date: 1965
	95	Author: AYALA et al.  Publ: <u>Shock</u>	Title: The Induction of Accelerated Thymic Programmed Cell Death During Polymicrobial Sepsis: Control by Corticosteroids but not Tumor Necrosis Factor (Abstract only)  Vol/Iss: 3 (4)	Pages: 259-267	Date: 04/1995

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<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

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				Group Art Unit	1616
				Examiner Name	Badio, Barbara P.
Sheet	9	of	31	Attorney Docket Number	05213-0493 (43170-253692)

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

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	96	Author: BANIK et al.  <u>Publ:</u> <u>Steroids</u>	Title:Orally Active Long-Acting Estrogen (AY-20,121) (3-(2-propynyoxy)-estra-1,3,5,(10)-triene-17. beta.-ol trimethylacetate) (Identifier only)	Vol/Iss: 16 (3)	Pages: 289-296 Date: 1970
	97	Author: BARDON et al.  <u>Publ:</u> <u>Cancer Research</u>	Title:Steroid Receptor-Mediated Cytotoxicity of an Antiestrogen and an Antiprogestin in Breast Cancer Cells (Abstract only)	Vol/Iss: 47 (5)	Pages: 1441-1448 Date: 03/01/87
	98	Author: BARNES et al.  <u>Publ:</u> <u>Infection and Immunity</u>	Title:Tumor Necrosis Factor Production in Patients with Leprosy	Vol/Iss: 60 (4)	Pages: 1441-1446 Date: 04/1992
	99	Author: BINDRA et al.  <u>Publ:</u> <u>Journal of Medicinal Chemistry</u>	Title:Studies in Antifertility Agents.8.Seco Steroids. 2. 5,6-Secoestradiol and Some Related Compounds	Vol/Iss: 18 (9)	Pages: 921-925 Date: 1975
	100	Author: BLAGOSKLONNY et al.  <u>Publ:</u> <u>Cancer Research</u>	Title:Raf-1/bcl-2 Phosphorylation: A Step from Microtubule Damage to Cell Death	Vol/Iss: 57	Pages: 130-135 Date: 01/01/97
	101	Author: BLICKENSTAFF et al.  <u>Publ:</u> <u>Steroids</u>	Title:Synthesis of Some Analogs of Estradiol	Vol/Iss: 46 (4,5)	Pages: 889-902 Date: 10/1985
	102	Author: BOYCE et al.  <u>Publ:</u> <u>Unknown</u>	Title:Some Preliminary Synthetical Studies with 5,6,7,8-Tetra-hydro-8-methylindane -1,5-dione	Vol/Iss:	Pages: 4547-4553 Date: 1960

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<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

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				Application No.	09/780,650
				Filing Date	02/12/2001
				First Named Inventor	D'Amato
				Group Art Unit	1616
				Examiner Name	Badio, Barbara P.
Attorney Docket Number		05213-0493 (43170-253692)			

## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T <sup>2</sup>
	103	Author: BRANDI et al.  Publ: <u>Calcif. Tissue Int.</u>	Title: Bone endothelial cells as estrogen targets (Abstract only)  Vol/Iss: 53 (5)	Pages: 312-317	Date: 1993
	104	Author: BREM, H. et al.  Publ: <u>Journal of Neurosurgery</u>	Title: Interstitial chemotherapy with drug polymer implants for the treatment of recurrent gliomas  Vol/Iss: 74	Pages: 441-446	Date: 03/01/91
	105	Author: BRODIE, A.M.  Publ: <u>Journal of Steroid Biochemistry and Molecular Biology</u>	Title: Aromatase Inhibitors in the Treatment of Breast Cancer (Abstract only)  Vol/Iss: 49 (4-6)	Pages: 281-287	Date: 06/1994
	106	Author: BROSENS et al.  Publ: <u>Laboratory for Gynecological Physiopathology</u>	Title: Comparative Study of the Estrogenic Effect of Ethinylestradiol and Mestranol on the Endometrium  Vol/Iss: 14 (6)	Pages: 679-685	Date: 12/01/76
	107	Author: BURROWS, N.P.  Publ: <u>British Medical Journal</u>	Title: Thalidomide Modifies Disease  Vol/Iss: 307 (6909)	Pages: 939-940	Date: 10/09/93
	108	Author: CAMBIE et al.  Publ: <u>Journal of the Chemical Society</u>	Title: Aromatic Steroids. Part II. Chromium Trioxide Oxidation of Some Oestra-1,3,5(10)-trienes  Vol/Iss: 9	Pages: 1234-1240	Date: 1969
	109	Author: CAMBIE et al.  Publ: <u>J. Chem. Soc.</u>	Title: Aromatic Steroids. Part I. Oxidation Products of 3-Methoxyestra-1,3,5(10)-triene- 17 $\beta$ -yl Acetate  Vol/Iss:	Pages: 2603-2608	Date: 1968

Examiner Signature	Date Considered
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<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

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				Application No.	09/780,650
				Filing Date	02/12/2001
				First Named Inventor	D'Amato
				Group Art Unit	1616
				Examiner Name	Badio, Barbara P.
				Attorney Docket Number	05213-0493 (43170-253692)

## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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	110	Author: CASTAGNETTA, L. et al. Publ: <u>Journal of Chromatography</u>	Title: Simple Approach to Measure Metabolic Pathways of Steroids in Living Cells	Vol/Iss: 572	Pages: 25-39 Date: 12/06/91
	111	Author: CHASSEROT-GOLAZ et al. Publ: <u>Biochemical Pharmacology</u>	Title: Biotransformation of 17.beta.-hydroxy-11.beta.- (4-dimethylaminophenyl) 17.alpha.1-propynyl-estra-4,9-diene-3-one (RU486) in Rat Hepatoma Variants (Identifier only)	Vol/Iss: 46 (11)	Pages: 2100-2103 Date: 1993
	112	Author: CHEN et al. Publ: <u>Steroids</u>	Title: A New Synthetic Route to 2- and 4-Methoxyestradiols by Nucleophilic Substitution	Vol/Iss: 47 (1)	Pages: 63-66 Date: 01/1986
	113	Author: CHEN et al. Publ: <u>Nanjing Yaoxueyuan Xuebao</u>	Title: Synthesis of 11.beta.- (4-dimethylaminophenyl)-17.beta.-hydroxy-17.alpha.- (1-propynyl) estra-4, 9-dien-3-one (RU486) (Identifier only)	Vol/Iss: 17 (4)	Pages: 282-285 Date: 1986
	114	Author: COHEN et al. Publ: <u>The Journal of Organic Chemistry</u>	Title: Novel Total Synthesis of (+)-Estrone 3-Methyl Ether, (+)-13 $\beta$ Ethyl-3-methoxygona-1,3,5(10)-trien-17-one, and (+)-Equilenin 3-Methyl Ether	Vol/Iss: 40 (6)	Pages: 681-685 Date: 03/21/75
	115	Author: COLLINS et al. Publ: <u>Aust. Journal of Chemistry</u>	Title: The Structure and Function of Estrogens. XI. Synthesis of (+/-)-7(8-11 $\alpha$ )-abeo-Estradiol and its 9,11-Didehydro Derivative	Vol/Iss: 45 (1)	Pages: 71-97 Date: 1992
	116	Author: COREY et al. Publ: <u>Tetrahedron Letters</u>	Title: Applications of N,N-Dimethylhydrazones to Synthesis. Use in Efficient, Positionally and Stereochemically Selective C-C Bond Formation; Oxidative Hydrolysis to Carbonyl Compounds	Vol/Iss: 1	Pages: 3-6 Date: 1976

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Sheet 12 of 31 Attorney Docket Number 05213-0493 (43170-253692)

Complete if Known

Application No.	09/780,650
Filing Date	02/12/2001
First Named Inventor	D'Amato
Group Art Unit	1616
Examiner Name	Badio, Barbara P.

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

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	117	Author: COREY et al.  Publ: <u>Tetrahedron Letters</u>	Title: Facile Conversion of N,N-Dimethylhydrazones to Cabonyl Compounds by Cupric Ion-Catalyzed Hydrolysis  Vol/Iss: 41	Pages: 36678-3668	Date: 1976
	118	Author: CRABBE, P.  Publ: <u>Chem. Ind.</u>	Title: Cotton effect of the styrene chromophore (Abstract only)  Vol/Iss: 27	Pages: 917-918	Date: 1969
	119	Author: CUMMINGS et al.  Publ: <u>The American Journal of Surgical Pathology</u>	Title: Apoptosis  Vol/Iss: 21 (1)	Pages: 88-101	Date: 1997
	120	Author: CUSHMAN et al.  Publ: <u>Journal of Medicinal Chemistry</u>	Title: Synthesis, Antitubulin and Antimitotic Activity, and Cytotoxicity of Analogs of 2-Methoxyestradiol, an Endogenous Mammalian Metabolite of Estradiol that Inhibits Tubulin Polymerization by Binding to the Colchicine Binding Site  Vol/Iss: 38 (12)	Pages: 2041-2049	Date: 06/09/95
	121	Author: CUSHMAN et al.  Publ: <u>Journal of Medicinal Chemistry</u>	Title: Synthesis of Analogs of 2-Methoxyestradiol with Enhanced Inhibitory Effects on Tubulin Polymerization and Cancer Cell Growth  Vol/Iss: 40 (15)	Pages: 2323-2334	Date: 1997
	122	Author: D'AMATO et al.  Publ: <u>Proceedings of the National Academy of Science USA</u>	Title: 2-Methoxyestradiol, an Endogenous Mammalian Metabolite, Inhibits Tubulin Polymerization by Interacting at the Colchicine Site  Vol/Iss: 91	Pages: 3964-3968	Date: 04/26/1994
	123	Author: D'AMATO, R.J. et al.  Publ: <u>Proceedings of the National Academy of Science USA</u>	Title: Thalidomide is an Inhibitor of Angiogenesis  Vol/Iss: 91	Pages: 4082-4085	Date: 04/01/94

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Attorney Docket Number

05213-0493 (43170-253692)

Complete if Known

Application No.	09/780,650
Filing Date	02/12/2001
First Named Inventor	D'Amato
Group Art Unit	1616
Examiner Name	Badio, Barbara P.

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

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	124	<p><b>Author:</b> DING et al.</p> <p><b>Publ:</b> <u>Endocrinology</u></p> <p><b>Title:</b> Sex Hormone-Binding Globulin Mediates Prostate Androgen Receptor Action via a Novel Signaling Pathway (Abstract only)</p> <p><b>Vol/Iss:</b> 139 (1)      <b>Pages:</b> 213-218      <b>Date:</b> 1998</p>	
	125	<p><b>Author:</b> DURANI et al.</p> <p><b>Publ:</b> <u>Journal of Steroid Biochemistry</u></p> <p><b>Title:</b> Seco-Oestradiols and Some Non-Steroidal Oestrogens: Structural Correlates of Oestrogenic Action</p> <p><b>Vol/Iss:</b> 11      <b>Pages:</b> 67-77      <b>Date:</b> 1979</p>	
	126	<p><b>Author:</b> DVIR et al.</p> <p><b>Publ:</b> <u>Journal of Chromatography</u></p> <p><b>Title:</b> Thin-layer Chromatography of DANSYLY-oestrogens</p> <p><b>Vol/Iss:</b> 52      <b>Pages:</b> 505-506      <b>Date:</b> 11/04/70</p>	
	127	<p><b>Author:</b> EDER et al.</p> <p><b>Publ:</b> <u>Chem. Ber.</u></p> <p><b>Title:</b> Synthese von Ostradiol (in German - No translation available)</p> <p><b>Vol/Iss:</b> 109      <b>Pages:</b> 2948-2953      <b>Date:</b> 1976</p>	
	128	<p><b>Author:</b> EL-TOMBARY .</p> <p><b>Publ:</b> <u>Arch. Pharm. Pharm. Med. Chem.</u></p> <p><b>Title:</b> Synthesis, Uterotropic, And Antiuterotropic Activities of Some Estradiol Derivatives Containing Thiadiazole, Thiazoline, and Thiazolidinone Moieties</p> <p><b>Vol/Iss:</b> 330 (9-10)      <b>Pages:</b> 295-302      <b>Date:</b> 1997</p>	
	129	<p><b>Author:</b> EMONS et al.</p> <p><b>Publ:</b> <u>FOCUS MHL</u></p> <p><b>Title:</b> Modulation der hypophysaren Sekretion von Luteinisierendem Hormon (LH) durch Ostrogene</p> <p><b>Vol/Iss:</b> 3      <b>Pages:</b> 221-228      <b>Date:</b> 1986</p>	
	130	<p><b>Author:</b> EPE et al.</p> <p><b>Publ:</b> <u>Mechanisms of Chromosome Distribution and Aneuploidy</u></p> <p><b>Title:</b> Microtubular Proteins as Cellular Targets for Carcinogenic Estrogens and Other Carcinogens</p> <p><b>Vol/Iss:</b>      <b>Pages:</b> 345-351      <b>Date:</b> 1989</p>	

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Sheet 14 of 31 Attorney Docket Number 05213-0493 (43170-253692)

## Complete if Known

Application No.	09/780,650
Filing Date	02/12/2001
First Named Inventor	D'Amato
Group Art Unit	1616
Examiner Name	Badio, Barbara P.

## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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	131	Author: FANCHENKO et al. Title:Characteristics of the guinea pig uterus estrogen receptor system (Abstract only)  Publ: <u>Byull. Eksp. Biol. Med.</u>  Vol/Iss: 85 (4) Pages: 467-470 Date: 1978	
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	132	Author: FETIZON et al. Title:Synthesis of 2-keto steroids (Abstract only)  Publ: <u>Bull. Soc. Chim. FR.</u>  Vol/Iss: 8 Pages: 3301-3306 Date: 1968	
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	133	Author: FEVIG et al. Title:A Short, Stereoselective Route to 16 $\alpha$ (Substituted-alkyl)estradiol Derivatives  Publ: <u>Journal of Organic Chemistry</u>  Vol/Iss: 52 Pages: 247-251 Date: 1987	
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	134	Author: FIELD et al. Title:Effect of Thalidomide on the Graft versus Host Reaction  Publ: <u>Nature</u>  Vol/Iss: 211 (5055) Pages: 1308-1310 Date: 09/17/66	
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	135	Author: FIESER et al. Title:N-Methylformanilide  Publ: <u>Organic Synthesis Collective Volume 3</u>  Vol/Iss: 3 Pages: 590-591 Date: 1955	
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	136	Author: FISHMAN, J. Title:Synthesis of 2-Methoxyestrogens  Publ: <u>Journal of the American Chemical Society</u>  Vol/Iss: 80 Pages: 1213-1216 Date: 03/05/98	
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	137	Author: FLOHE et al. Title:Studies on the Hypothetical Relationship of Thalidomide-induced Embryopathy and Collagen Biosynthesis  Publ: <u>Arzneimitt/Forschung (Germany West)</u>  Vol/Iss: 31 (2) Pages: 315-320 Date: 01/01/81	
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Attorney Docket Number

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	138	Author: FOLKMAN et al.  Publ: <u>Science</u>	Title: Angiogenesis Inhibition and Tumor Regression Caused by Heparin or a Heparin Fragment in the Presence of Cortisone  Vol/Iss: 221	Pages: 719-725	Date: 08/19/83
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	139	Author: FOLKMAN, J.  Publ: <u>New England Journal of Medicine</u>	Title: Tumor Angiogenesis: Therapeutic Implications  Vol/Iss: 285 (21)	Pages: 1182-1186	Date: 11/18/71
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	140	Author: FOLKMAN, J. et al.  Publ: <u>Nature</u>	Title: Induction of Angiogenesis During the Transition from Hyperplasia to Neoplasia  Vol/Iss: 339	Pages: 58-61	Date: 05/04/89
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	141	Author: FOLKMAN, J. et al.  Publ: <u>Annals of Surgery</u>	Title: Tumor Behavior in Isolated Perfused Organs in vitro Growth and Metastases of Biopsy Material in Rabbit Thyroid and Canine Intestinal Segment  Vol/Iss: 164(3)	Pages: 491-502	Date: 09/01/66
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	142	Author: FOTSISS et al.  Publ: <u>Nature</u>	Title: The Endogenous Oestrogen Metabolite 2-Methoxyoestradiol Inhibits Angiogenesis and Suppresses Tumour Growth  Vol/Iss: 368	Pages: 237-239	Date: 03/17/94
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	143	Author: GADOSY et al.  Publ: <u>Journal of Physical Chemistry</u>	Title: Generation, Characterization, and Deprotonation of Phenol Radical Cations  Vol/Iss: 103	Pages: 8834-8839	Date: 1999
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	144	Author: GANDHI et al.  Publ: <u>Journal of Indian Chem. Soc.</u>	Title: Mannich Reaction of Estrone  Vol/Iss: 39	Pages: 306-308	Date: 1962
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Group Art Unit	1616
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	145	Author: GASLINI et al. Title: Reaction of Eugenol with Synthesis Gas. Synthesis of 5,6,7,8-Tetrahydro-3-methoxy-2-naphthol  Publ: <u>Journal of Organic Chemistry</u>  Vol/Iss: 29 (5) Pages: 1177-1180 Date: 05/1964	
	146	Author: GIMBRONE, M.A. et al. Title: Tumor Growth and Neovascularization: An Experimental Model Using the Rabbit Cornea  Publ: <u>Journal of the National Cancer Institute</u>  Vol/Iss: 52(2) Pages: 413-427 Date: 02/74	
	147	Author: GIMBRONE, M.A. et al. Title: Tumor dormancy <i>in vivo</i> by Prevention of Neovascularization  Publ: <u>Journal of Experimental Medicine</u>  Vol/Iss: 136 Pages: 261-276 Date: 1972	
	148	Author: GONZALEZ et al. Title: Synthesis and Pharmacological Evaluation of 8 $\alpha$ -Estradiol Derivatives  Publ: <u>Steroids</u>  Vol/Iss: 40 (2) Pages: 171-187 Date: 9/1982	
	149	Author: GROSS, J.L. et al. Title: Modulation of Solid Tumor Growth <i>in vivo</i> by bFGF (Abstract only)  Publ: <u>Proceedings of the American Association of Cancer Research</u>  Vol/Iss: 31 Pages: 79 Date: 03/90	
	150	Author: GUJAR et al. Title: The Effect of Estradiol on <i>Candida albicans</i> Growth  Publ: <u>Annals of Clinical and Laboratory Science</u>  Vol/Iss: 27 (2) Pages: 151-156 Date: 1997	
	151	Author: GUNZLER, V. Title: Thalidomide-A Therapy for the Immunological Consequences of HIV Infection?  Publ: <u>Medical Hypothesis</u>  Vol/Iss: 30 (2) Pages: 105-109 Date: 10/89	

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	152	Author: GUPTA et al. Title: Antifertility Agents. XIV. Secosteroids. VII. Synthesis of 2 $\alpha$ and 2 $\beta$ , 6 $\beta$ -dimethyl- 3 $\beta$ -(p-hydroxyphenyl)-trans-bicyclo[4.3.0]nonan-7-ones and some related compounds (Abstract only)  Publ: Indian Journal of Chemistry  Vol/Iss: 13 (7) Pages: 759-760 Date: 1975	
	153	Author: GUPTA et al. Title: Studies in Antifertility Agents. Part XVIII. 2 $\alpha$ 6 $\beta$ -Diethyl-3 $\beta$ -(p-hydroxyphenyl)-trans-bicyclo[4.3.0]nonan-7 $\beta$ -ol and 6 $\beta$ -methyl-3 $\beta$ -(p-hydroxyphenyl)-2 $\alpha$ -propyl- trans-bicyclo[4.3.0]nonan-7 $\beta$ -ol (Abstract only)  Publ: Indian Journal of Chemistry  Vol/Iss: 19B (10) Pages: 886-890 Date: 1980	
	154	Author: GUTIERREZ-RODRIGUEZ et al. Title: Treatment of Refractory Rheumatoid Arthritis - The Thalidomide Experience  Publ: The Journal of Rheumatology  Vol/Iss: 16 (2) Pages: 158-163 Date: 02/89	
	155	Author: GUTIERREZ-RODRIGUEZ, O. Title: Thalidomide - A Promising New Treatment for Rheumatoid Arthritis  Publ: Arthritis and Rheumatism  Vol/Iss: 27 (10) Pages: 1118-1121 Date: 10/84	
	156	Author: HAHNEL et al. Title: The Specificity of the Estrogen Receptor of Human Uterus  Publ: Journal of Steroid Biochemistry  Vol/Iss: 4 Pages: 21-31 Date: 1973	
	157	Author: HALDAR et al. Title: Bc12 is the Guardian of Microtubule Integrity  Publ: Cancer Research  Vol/Iss: 57 Pages: 229-233 Date: 01/15/97	
	158	Author: HAMEL et al. Title: Interactions of 2-Methoxyestradiol, an Endogenous Mammalian Metabolite, with Unpolymerized Tubulin and with Tubulin Polymers (Abstract only)  Publ: Biochemistry  Vol/Iss: 35 (4) Pages: 1304-1310 Date: 1996	

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<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

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INFORMATION DISCLOSURE  
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Sheet 18 of 31

Complete if Known	
Application No.	09/780,650
Filing Date	02/12/2001
First Named Inventor	D'Amato
Group Art Unit	1616
Examiner Name	Badio, Barbara P.
Attorney Docket Number	05213-0493 (43170-253692)

## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
	159	Author: HANDLEY et al. Title: Chronic bullous disease of childhood and ulcerative colitis  Publ: British Journal of Dermatology  Vol/Iss: 127 (40) Pages: 67-68 Date: 07/01/92	
	160	Author: HE et al. Title: A Versatile Synthesis of 2-Methoxyestradiol, an Endogenous Metabolite of Estradiol which Inhibits Tubulin Polymerization by Binding to the Colchicine Biding Site  Publ: Bioorganic & Medicinal Chemistry Letters  Vol/Iss: 4 (14) Pages: 1724-1728 Date: 1994	
	161	Author: HE et al. Title: Novel Cytokine Release Inhibitors. Part II Steroids  Publ: Bioorganic & Medicinal Chemistry Letters  Vol/Iss: 8 Pages: 2825-2828 Date: 1998	
	162	Author: HEJAZ et al. Title: Synthesis and Biological Activity of the Superestrogen (E)-17-Oximino-3-O-sulfamoyl-1,3,5(10)-estratriene: X-ray Crystal Structure of (E)-17-Oximino-3-hydroxy-1,3,5(10)-estratriene  Publ: Journal of Medicinal Chemistry  Vol/Iss: 42 (16) Pages: 3188-3192 Date: 1999	
	163	Author: HENEY et al. Title: Thalidomide treatment for chronic graft-versus-host disease  Publ: British Journal of Haematology  Vol/Iss: 78 (1) Pages: 23-27 Date: 05/91	
	164	Author: HOLKER et al. Title: The Reactions of Estrogens with Benzeneseleninic Anhydride and Hexamethyldisilazane  Publ: J. Chem. Soc. Perkin Trans.  Vol/Iss: 1 Pages: 1915-1918 Date: 1982	
	165	Author: HORI, A. et al. Title: Suppression of Solid Tumor Growth by Immunoneutralizing Monoclonal Antibody Against Human Basic Fibroblasts Growth Factor  Publ: Cancer Research  Vol/Iss: 51 Pages: 6180-6184 Date: 11/15/91	

Examiner Signature	Date Considered
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Sheet

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05213-0493 (43170-253692)

Complete if Known

Application No.	09/780,630
Filing Date	02/12/2001
First Named Inventor	D'Amato
Group Art Unit	1616
Examiner Name	Badio, Barbara P.

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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	166	Author: HU, G.  Publ: <u>Proceedings of the National Academy of Sciences, USA</u>	Title: Neomycin Inhibits Angiogenin-induced Angiogenesis (abstract Only)  Vol/Iss: 95 (17)	Pages: 9791-9795	Date: 1998
	167	Author: IKEGAWA et al.  Publ: <u>Biomed. Chromatogr.</u>	Title: Immunoaffinity extraction for liquid chromatographic determination of equilin and its metabolites in plasma (Abstract only)  Vol/Iss: 10 (2)	Pages: 73-77	Date: 1996
	168	Author: IMAMURA et al.  Publ: <u>USPATFULL 76:20259 US 3,950,437</u>	Title: Method for Manufacture of Dihydric Phenols (Abstract only)  Vol/Iss:	Pages:	Date: 04/13/1976
	169	Author: INGBER, D. et al.  Publ: <u>Nature</u>	Title: Synthetic analogues of sumagillin that inhibit angiogenesis and suppress tumor growth  Vol/Iss: 348	Pages: 555-557	Date: 12/06/90
	170	Author: IRIARTE et al.  Publ: <u>Tetrahedron</u>	Title: Steroids (XCIV). Synthesis of 2-methyl and 1,2-dimethyl estrogens (Abstract only)  Vol/Iss: 3	Pages: 28-36	Date: 1958
	171	Author: JAGGERS et al.  Publ: <u>Journal of Endocrinology</u>	Title: Potent Inhibitory Effects of Steroids in an in vitro Model of Angiogenesis (Abstract only)  Vol/Iss: 150 (3)	Pages: 457-464	Date: 1996
	172	Author: JHINGRAN et al.  Publ: <u>Steroids</u>	Title: Studies in Antifertility Agents - Part XLI: Secosteroids-x: Syntheses of Various Stereoisomers of (+)-2,6 $\beta$ -diethyl-7 $\alpha$ -ethynyl-3-(p-hydroxyphenyl)-trans-bicyclo [4.3.0]nonan-7 $\beta$ -ol.  Vol/Iss: 42 (6)	Pages: 627-634	Date: 1983

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Sheet	20	of	31	Attorney Docket Number	05213-0493 (43170-253692)
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	173	Author: JOSEFSSON et al.  <u>Publ:</u> <u>Arthritis &amp; Rheumatism</u>	Title: Suppression of Type II Collagen-Induced Arthritis by the Endogenous Estrogen Metabolite 2-Methoxyestradiol  Vol/Iss: 40 (1)	Pages: 154-163	Date: 01/1997
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	174	Author: KABARITY et al.  <u>Publ:</u> <u>Mutation Research</u>	Title: Further Investigations on the cytological effects of some contraceptives  Vol/Iss: 135	Pages: 181-188	Date: 1984
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	175	Author: KARWAT  <u>Publ:</u> <u>Caplus DE 1103310</u>	Title: Separation and Recovery of Hydrogen Sulfide from Hydrocarbon Mixture  Vol/Iss:	Pages:	Date: 09/02/1959
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	176	Author: KATAOKA et al.  <u>Publ:</u> <u>Cancer Research</u>	Title: An Agent that Increases Tumor Suppressor Transgene Product Coupled with Systemic Transgene Delivery Inhibits Growth of Metastatic Lung Cancer in Vivo (Abstract only)  Vol/Iss: 58 (21)	Pages: 4761-4765	Date: 11/1998
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	177	Author: KELLY et al.  <u>Publ:</u> <u>Journal of Clinical Endocrinology Metabolism</u>	Title: The Stimulation of Prostaglandin Production by Two Antiprogestrone Steroids in Human Endometrial Cells (Abstract only)  Vol/Iss: 62 (6)	Pages: 1116-1123	Date: 06/1986
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	178	Author: KIM, K.J. et al.  <u>Publ:</u> <u>Nature</u>	Title: Inhibition of Vascular Endothelial Growth Factor-induced Angiogenesis Suppresses Tumor Growth In Vivo  Vol/Iss: 362	Pages: 841-844	Date: 04/29/93
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	179	Author: KLAUBER et al.  <u>Publ:</u> <u>Cancer Research</u>	Title: Inhibition of Angiogenesis and Breast Cancer in Mice by the Microtubule Inhibitors 2-Methoxyestradiol and Taxol  Vol/Iss: 57	Pages: 81-86	Date: 01/01/97
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Sheet

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Complete if Known	
Application No.	09/780,650
Filing Date	02/12/2001
First Named Inventor	D'Amato
Group Art Unit	1616
Examiner Name	Badio, Barbara P.
Attorney Docket Number	05213-0493 (43170-253692)

## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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	180	Author: KNIGHTON, D. et al. Title: Avascular and Vascular Phases of Tumour Growth in the Chick Embryo  Publ: <u>British Journal of Cancer</u>  Vol/Iss: 35 Pages: 347-356 Date: 1977	
	181	Author: KOLE et al. Title: Studies in Antifertility Agents. 11. Secosteroids. 5. Synthesis of 9,11-Secoestradiol  Publ: <u>Journal of Medicinal Chemistry</u>  Vol/Iss: 18 (7) Pages: 765-766 Date: 1975	
	182	Author: KOVACS et al. Title: Steroids. XXIII. Synthesis of 2- and 4-hydroxy and 2,4-dihydroxy derivatives of estrone and estradiol (Abstract only)  Publ: <u>Acta Phys.Chem.</u>  Vol/Iss: 19 (3) Pages: 287-290 Date: 1973	
	183	Author: LEBRAS, J. et al. Title: Activation and Regioselective Ortho-Functionalization of the A-Ring of B-Estradiol Promoted by "Cp*Ir": An Efficient Organometallic Procedure for the Synthesis of 2-Methoxyestradiol  Publ: <u>Organometallics</u>  Vol/Iss: 16 Pages: 1765-1771 Date: 1997	
	184	Author: LEWIS, Richard J. Title:  Publ: <u>Hawley's Condensed Chemical Dictionary</u>  Vol/Iss: Pages: 577 Date: 01/1993	
	185	Author: LEWIS, Richard J. Title:  Publ: <u>Hawley's Condensed Chemical Dictionary</u>  Vol/Iss: Pages: 128-129 Date: 01/1993	
	186	Author: LI, J., et al. Title: (DN 103:65176) Catechol Formation of Fluoro- and Bromo-substituted Estradiols by Hamster Liver Microsomes. Evidence for Dehalogenation. (Abstract only)  Publ: <u>CAPLUS: Molecular Pharmacology</u>  Vol/Iss: 27 (5) Pages: 559-565 Date: 1985	

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Sheet **22** of **31** Attorney Docket Number **05213-0493 (43170-253692)**

Complete if Known

Application No.	09/780,650
Filing Date	02/12/2001
First Named Inventor	D'Amato
Group Art Unit	1616
Examiner Name	Badio, Barbara P.

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

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	187	Author: LICHTENAUER et al.  Publ: <u>Deutsches medizinisches Journal</u>	Title: Zur Behandlung des Prostata-Karzinoms  Vol/Iss: 23	Pages: 248-249	Date: 01/1972
	188	Author: LIEN, W. et al.  Publ: <u>Surgery</u>	Title: The blood supply of experimental liver metastases. II. A Microcirculatory study of the normal and tumor vessels of the liver with the use of perfused silicone rubber  Vol/Iss: 68 (2)	Pages: 334-340	Date: 08/1970
	189	Author: LIMANTSEV et al.  Publ: <u>Akush Jinekol.</u>	Title: Effect of some estrogen structural analogs on the development of the mouse embryo (Abstract only)  Vol/Iss: 6	Pages: 55-56	Date: 1982
	190	Author: LIU et al.  Publ: <u>Tetrahedron Letters</u>	Title: Total Synthesis of (+)- $\Delta^{9(12)}$ -Capnellene  Vol/Iss: 26 (40)	Pages: 4847-4850	Date: 1985
	191	Author: LOOZEN et al.  Publ: <u>Recd.: J.R. Neth.Chem. Soc.</u>	Title: An approach to the synthesis of 7. beta.-amino estrogens (Abstract only)  Vol/Iss: 102 (10)	Pages: 433-437	Date: 1983
	192	Author: LOTTERING et al.  Publ: <u>Cancer Letters</u>	Title: 17 $\beta$ -Estradiol Metabolites Affect Some Regulators of the MCF-7 Cell Cycle  Vol/Iss: 110	Pages: 181-186	Date: 1996
	193	Author: LOVELY et al.  Publ: <u>Journal of Medicinal Chemistry</u>	Title: 2-(Hydroxylalkyl)estradiols: Synthesis and Biological Evaluation  Vol/Iss: 39	Pages: 1917-1923	Date: 1996

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<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

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Application No.	09/780,650				
Filing Date	02/12/2001				
First Named Inventor	D'Amato				
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Examiner Name	Badio, Barbara P.				
Sheet	23	of	31	Attorney Docket Number	05213-0493 (43170-253692)

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	194	Author: LUO et al.  Publ: <u>Chemical Abstracts</u>	Title: Effect of Components of Crown Ether Copper(I)iodide Mixed Catalyst on Nucleophilic Substitution of Bromoestrogen (Abstract No. 195225)	
			Vol/Iss: 111 (21)	Pages: 818, Column 1 Date: 11/20/89

	195	Author: MARO et al.  Publ: <u>Journal of Embryology and Experimental Morphology</u>	Title: Mechanism of Polar Body Formation in the Mouse Oocyte: An Interaction Between the Chromosomes, the Cytoskeleton and the Plasma Membrane	
			Vol/Iss: 92	Pages: 11-32 Date: 1986

	196	Author: MAYOL et al.  Publ: <u>Carcinogenesis</u>	Title: Ethynodiol-Induced Cell Proliferation in Rat Liver Involvement of Specific Populations of Hepatocytes (Abstract only)	
			Vol/Iss: 13 (12)	Pages: 2381-2388 Date: 1992

	197	Author: MEIKRANTZ et al.  Publ: <u>Journal of Cellular Biochemistry</u>	Title: Apoptosis and the Cell Cycle	
			Vol/Iss: 58 (2)	Pages: 160-174 Date: 06/1995

	198	Author: MEZA et al.  Publ: <u>Drug Therapy</u>	Title: Managing the Gastrointestinal Complications of AIDS	
			Vol/Iss: 23 (11)	Pages: 74-83 Date: 11/1993

	199	Author: MICHEL et al.  Publ: <u>Biochem. Pharmacol.</u>	Title: Inhibition of synaptosomal high-affinity uptake of dopamine and serotonin by estrogen agonists and antagonists (Abstract only)	
			Vol/Iss: 36 (19)	Pages: 3175-3180 Date: 1987

	200	Author: MILLER et al.  Publ: <u>Journal of Medicinal Chemistry</u>	Title: Synthesis and Structure-Activity Profiles of A-Homoestranes, the Estratropones	
			Vol/Iss: 40	Pages: 3836-3841 Date: 1997

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Application No.	09/780,630
Filing Date	02/12/2001
First Named Inventor	D'Amato
Group Art Unit	1616
Examiner Name	Badio, Barbara P.

Sheet 24 of 31 Attorney Docket Number 05213-0493 (43170-253692)

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	201	Author: MILLER, Thomas  <u>Publ:</u> <u>Dissertations Abstracts International</u>	Title: Tubulin as a Therapeutic Target (Abstract only)  Vol/Iss: 5907B	Pages: 3454	Date: 1998
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	202	Author: MORISAKI et al.  <u>Publ:</u> <u>Chem. Pharm. Bull.</u>	Title: Steroids. I. Aromatization reaction of the cross-conjugated dienone system by Zinc 9. (Abstract only)  Vol/Iss: 14 (8)	Pages: 866-872	Date: 1966
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	203	Author: MUKHOPADHYAY et al.  <u>Publ:</u> <u>Oncogene</u>	Title: Induction of Apoptosis in Human Lung Cancer Cells after Wild-Type p53 Activation by Methoxyestradiol  Vol/Iss: 14	Pages: 379-384	Date: 1997
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	204	Author: NAAFS et al.  <u>Publ:</u> <u>International Journal of Dermatology</u>	Title: Thalidomide Therapy An Open Trial  Vol/Iss: 24 (2)	Pages: 131-134	Date: 03/1985
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	205	Author: NAKAGAWA-YAGI et al.  <u>Publ:</u> <u>Life Sciences</u>	Title: The Endogenous Estrogen Metabolite 2-Methoxyestradiol Induces Apoptotic Neuronal Cell Death <i>In Vitro</i>  Vol/Iss: 58 (17)	Pages: 1461-1467	Date: 1996
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	206	Author: NAMBARA et al.  <u>Publ:</u> <u>Chem. Pharm. Bulletin</u>	Title: Studies on Steroid Conjugates. III. New Synthesis of 2-Methoxyestrogens  Vol/Iss: 18 (3)	Pages: 474-480	Date: 03/1970
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	207	Author: NAMBARA et al.  <u>Publ:</u> <u>Chem. Pharm. Bull.</u>	Title: Microbial transformation products derived from steriods. I. Synthesis of 1,2- and 3-dimethoxy-4-methylestratrienes (Abstract only)  Vol/Iss: 20 (2)	Pages: 336-342	Date: 1972
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Group Art Unit	1616
Examiner Name	Badio, Barbara P.
Attorney Docket Number	05213-0493 (43170-253692)

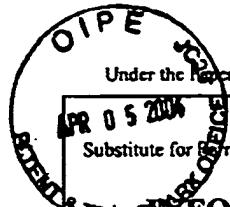
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	208	Author: NAMBARA et al. Title: Synthesis of 16 $\beta$ -Oxygenated Catechol Estrogen Methyl Ethers, New and Potential Metabolites  Publ: Chemical & Pharmaceutical Bulletin  Vol/Iss: 23 (7) Pages: 1613-1616 Date: 07/1975	
	209	Author: NAMBARA, T., et al. Title: DN 82:43650; Analytical Chemical Studies on Steroids. LXXIII. Synthesis of Epimeric 2-Hydroxy-16-Chloroestrogen Monomethyl Ethers (Abstract only)  Publ: HCAPLUS-Chemical and Pharmaceutical Bulletin  Vol/Iss: 22 (10) Pages: 2455-2457 Date: 1974	
	210	Author: NAPOLITANO et al. Title: 11 Beta-Substituted Estradiol Derivatives. 2. Potential Carbon-11 and Iodine-Labeled Probes for the Estrogen Receptor (Abstract only)  Publ: Journal of Medicinal Chemistry  Vol/Iss: 38 (14) Pages: 2774-2779 Date: 07/07/95	
	211	Author: NEWKOME et al. Title: Synthesis of Simple Hydrazones of Carbonyl Compounds by an Exchange Reaction  Publ: Journal of Organic Chemistry  Vol/Iss: 31 Pages: 677-681 Date: 03/1966	
	212	Author: NGUYEN, M. et al. Title: Elevated Levels of the Angiogenic Peptide Basic Fibroblast Growth Factor in Urine of Bladder Cancer Patients  Publ: Journal of the National Cancer Institute  Vol/Iss: 85 (3) Pages: 241-242 Date: 02/03/93	
	213	Author: NISHIGAKI et al. Title: Anti-Proliferative Effect of 2-Methoxyestradiol on Cultured Smooth Muscle Cells from Rabbit Aorta  Publ: Atherosclerosis  Vol/Iss: 113 Pages: 167-170 Date: 1995	
	214	Author: NUMAZAWA et al. Title: Efficient Synthesis of 2-Methoxy- and 4-Methoxy-Estrogens  Publ: Journal of the Chemical Society  Vol/Iss: Pages: 533-534 Date: 01/01/83	

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<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

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Sheet

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of

31

Complete if Known	
Application No.	09/780,650
Filing Date	02/12/2001
First Named Inventor	D'Amato
Group Art Unit	1616
Examiner Name	Badio, Barbara P.

Attorney Docket Number

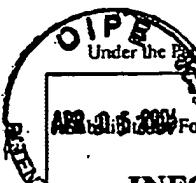
05213-0493 (43170-253692)

## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
	215	Author: NUMAZAWA et al. Title: Novel and Regiospecific Synthesis of 2-Amino Estrogens via Zincke Nitration  Publ: Steroids  Vol/Iss: 41 (5) Pages: 675-682 Date: 1983	
	216	Author: OCHS et al. Title: Effect of Tumor Promoting Contraceptive Steroids on Growth and Drug Metabolizing Enzymes in Rat Liver (Abstract only)  Publ: Cancer Research  Vol/Iss: 46 (3) Pages: 1224-1232 Date: 1986	
	217	Author: OMAR et al. Title: Synthesis, binding affinities and uterotrophic activity of some 2-substituted estradiol and ring-A-fused pyrone derivatives  Publ: European Journal of Medicinal Chemistry  Vol/Iss: 29 Pages: 25-32 Date: 1994	
	218	Author: PARTHASARATHY et al. Title: Antioxidant: A New Role for RU-486 and Related Compounds (Abstract only)  Publ: Journal of Clinical Investigation  Vol/Iss: 94 (5) Pages: 1990-1995 Date: 11/1994	
	219	Author: PERT et al. Title: Preparations of 2,4-disubstituted estradiols (Abstract only)  Publ: Australian Journal of Chemistry  Vol/Iss: 42 (3) Pages: 421-432 Date: 1989	
	220	Author: PETERS et al. Title: 17-Desoxy Estrogen Analogues  Publ: Journal of Medicinal Chemistry  Vol/Iss: 32 (7) Pages: 1642-1652 Date: 1989	
	221	Author: PFEIFFER et al. Title: Are catechol estrogens obligatory mediators of estrogen action in the central nervous system? I. Characterization of pharmacological probes with different receptor binding affinities and catechol estrogen formation rates (Abstract only)  Publ: Journal of Endocrinology  Vol/Iss: 110 (3) Pages: 489-497 Date: 1986	

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<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

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Sheet	27	of	31	Attorney Docket Number	05213-0493 (43170-253692)
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	222	Author: POWELL et al.  Publ: <u>British Journal of Dermatology</u>	Title: Investigation and Treatment of Orogenital Ulceration; studies on a Possible Mode of Action of Thalidomide  Vol/Iss: 113 Supp. 28	Pages: 141-144	Date: 07/1985
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	223	Author: RAO et al.  Publ: <u>Synthesis</u>	Title: A Novel, Two-Step Synthesis of 2-Methoxyestradiol  Vol/Iss:	Pages: 168-169	Date: 03/01/77
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	224	Author: ROMANELLI et al.  Publ: <u>Organic Synthesis</u>	Title: Ethyl-p-Dimethylaminophenylacetate  Vol/Iss: 5	Pages: 552	Date: 10/24/1973
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	225	Author: SAKAKIBARA, KYOICHI  Publ: <u>Chemical Abstracts</u>	Title: 2-Hydroxy-1,3,5(10)-estratriene derivatives (Abstract only) (Identifier: XP-002186126)  Vol/Iss: 60(1)	Pages:	Date: 01/06/64
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	226	Author: SATO et al.  Publ: <u>Horm. Carcinog. II. Proceedings Int. Symp., 2nd (1996), Meeting Date 1994</u>	Title: Natural estrogens induce modulation of microtubules in Chinese hamster V79 cells in culture (Abstract only)  Vol/Iss:	Pages: 454-457	Date: 1996
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	227	Author: SEEGERS et al.  Publ: <u>Journal of Steroid Biochemistry and Molecular Biology</u>	Title: The Mammalian Metabolite, 2-methoxyestradiol, Affects P53 Levels and Apoptosis Induction in Transformed Cells but Not in Normal Cells (Abstract only)  Vol/Iss: 62 (4)	Pages: 253-267	Date: 07/1997
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	228	Author: SHAH et al.  Publ: <u>Journal of Medicinal Chemistry</u>	Title: (+/-)-(N-alkylamino)benzazepine Analogs: Novel Dopamine D1 Receptor Antagonists (Abstract only)  Vol/Iss: 38 (21)	Pages: 4284-4293	Date: 10/13/95
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<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

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Sheet 28 of 31

Complete if Known	
Application No.	09/780,650
Filing Date	02/12/2001
First Named Inventor	D'Amato
Group Art Unit	1616
Examiner Name	Badio, Barbara P.
Attorney Docket Number	05213-0493 (43170-253692)

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

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	229	Author: SHISHKINA et al.  Publ: <u>Khim.-Farm. Zh.</u>	Title: Synthesis and properties of condensed heterocyclic derivatives of estra-4, 9-dien-17.beta.-ol-3-one (Abstract only)	Vol/Iss: 8 (1)	Pages: 7-11 Date: 1974
	230	Author: SIDKY et al.  Publ: <u>Cancer Research</u>	Title: Inhibition of Angiogenesis by Interferons: Effects on Tumor- and Lymphocyte-induced Vascular Responses	Vol/Iss: 47	Pages: 5155-5161 Date: 10/01/87
	231	Author: SIRACUSA et al.  Publ: <u>Journal of Embryology and Experimental Morphology</u>	Title: The Effect of Microtubule- and Microfilament-disrupting Drugs on Preimplantation Mouse Embryos (abstract Only)	Vol/Iss: 60	Pages: 71-82 Date: 12/1980
	232	Author: SPYRIOUNIS et al.  Publ: <u>Arch. Pharm.</u>	Title: Copper (II) complex of an estradiol derivative with potent antiinflammatory properties (Abstract only)	Vol/Iss: 324 (9)	Pages: 533-536 Date: 1991
	233	Author: SRIVASTAVA, A. et al.  Publ: <u>American Journal of Pathology</u>	Title: The Prognostic Significance of Tumor Vascularity in Intermediate-Thickness (0.76-4.0 mm Thick) Skin Melanoma	Vol/Iss: 133 (2)	Pages: 419-424 Date: 11/1988
	234	Author: STARKOV et al.  Publ: <u>Zhurnal Prikladnoi Khimii</u>	Title: Mono- and Dialkylation of Guaiacol by Olefins on KU-2 Cation Exchanger (Abstract only)	Vol/Iss: 41 (3)	Pages: 688-690 Date: 1968
	235	Author: TAYLOR, S. et al.  Publ: <u>Nature</u>	Title: Protamine is an Inhibitor of Angiogenesis	Vol/Iss: 297	Pages: 307-312 Date: 05/27/82

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<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

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Sheet 29 of 31 Attorney Docket Number 05213-0493 (43170-253692)

Complete if Known

Application No.	09/780,650
Filing Date	02/12/2001
First Named Inventor	D'Amato
Group Art Unit	1616
Examiner Name	Badio, Barbara P.

## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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	236	Author: TERANISHI, M. et al. Title: Methylation of Catechol Estrogen with Diazomethane  Publ: <u>Chemical and Pharmaceutical Bulletin</u>  Vol/Iss: 31 (9) Pages: 3309-3314 Date: 09/1983	
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	237	Author: TISHLER et al. Title: Microtubule-Active Drugs Taxol, Vinblastine, and Nocodazole Increase the Levels of Transcriptionally Active p53  Publ: <u>Cancer Research</u>  Vol/Iss: 55 Pages: 6021-6025 Date: 12/15/95	
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	238	Author: TREMBLAY et al. Title: A Convenient Synthetic Method for Alpha-Alkylation of Steroidal 17-Ketone: Preparation of 16 $\beta$ -(THPO-Heptyl)-Estradiol  Publ: <u>Synthetic Communications</u>  Vol/Iss: 25 (16) Pages: 2483-2495 Date: 1995	
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	239	Author: TREMBLAY et al. Title: Synthesis of 16-(Bromoalkyl)-Estradiols Having Inhibitory Effect on Human Placental Estradiol 17 $\beta$ -Hydroxysteroid Dehydrogenase (17 $\beta$ -HSD Type 1)  Publ: <u>Bioorganic &amp; Medicinal Chemistry</u>  Vol/Iss: 3 (5) Pages: 505-523 Date: 1995	
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	240	Author: UTNE et al. Title: The Synthesis of 2- and 4-Fluoroestradiol  Publ: <u>Journal of Organic Chemistry</u>  Vol/Iss: 33 (6) Pages: 2469-2473 Date: 06/1968	
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	241	Author: VAN GEERESTEIN et al. Title: Structure of 11 $\beta$ -(4-(dimethylamino)phenyl)-17 $\beta$ -hydroxy-17 $\alpha$ -(2-propenyl) estra-4,9-dien-3-one (Identifier only)  Publ: <u>Acta Crystallogr., Sect. C: Cryst. Struct. Commun.</u>  Vol/Iss: C43 (2) Pages: 319-322 Date: 1987	
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	242	Author: VICENTE et al. Title: In Vitro Activity of Thalidomide Against Mycobacterium avium Complex  Publ: <u>Archives of Internal Medicine</u>  Vol/Iss: 153 (4) Pages: 534 Date: 02/22/93	
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<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

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				<b>Application No.</b>	<b>09/780,650</b>
				<b>Filing Date</b>	<b>02/12/2001</b>
				<b>First Named Inventor</b>	<b>D'Amato</b>
				<b>Group Art Unit</b>	<b>1616</b>
				<b>Examiner Name</b>	<b>Radio, Barbara P.</b>
<b>Sheet</b>	<b>30</b>	<b>of</b>	<b>31</b>	<b>Attorney Docket Number</b>	
<b>05213-0493 (43170-253692)</b>					

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243	Author: WANG et al. Publ: Shengwu Huaxue Zazhi	Title: Photoaffinity Labeling of Human Placental Estradiol 17-beta.-dehydrogenase with 2-And 4-azidoestrone, 2- and 4-azidoestradiol (abstract Only)
		Vol/Iss: 8 (6) Pages: 715-718 Date: 1992

	244	Author: WANG, Z. et al.  Publ: Synth.Commun.	Title: An Optimized Synthesis of 2-Methoxyestradiol, a Naturally Occurring Human Metabolite with Anticancer Activity	Vol/iss: 28 (23)	Pages: 4431-4437	Date: 1998
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245	<p><b>Author:</b> WEIDNER, N. et al.</p> <p><b>Publ:</b> <i>Journal of the National Cancer Institute</i></p>	<p><b>Title:</b> Tumor angiogenesis: A New Significant and Independent Prognostic Indicator in Early-Stage Breast Carcinoma</p>
		<p><b>Volume:</b> 84</p> <p><b>Pages:</b> 1875-1887</p> <p><b>Date:</b> 12/16/92</p>

246	<p><b>Author:</b> WEIDNER, N. et al.</p> <p><b>Publ:</b> <u>American Journal of Pathology</u></p>	<b>Title:</b> Tumor Angiogenesis Correlates with Metastasis in Invasive Prostate Carcinoma
		<p><b>Volume:</b> 143 (2)</p> <p><b>Pages:</b> 401-409</p> <p><b>Date:</b> 08/1993</p>

247 Author: WEIDNER, N. et al. Title: Tumor Angiogenesis and Metastasis-Correlation in Invasive Breast Carcinoma  
Publ: New England Journal of Medicine

248	Author: WELSCH et al. Publ: <i>Experientia</i>	Title: Staphylostatic Activity of Some New Diphenols, Naphthols, and Chalcones (Abstract only)
		Volume: 11 Pages: 350-351 Date: 1955

249 Author: WHITE et al. Title: Treatment of Pulmonary Hemangiomatosis with Recombinant Interferon Alfa-2a  
Publ: The New England Journal of Medicine

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<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

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				Group Art. Unit	1616
				Examiner Name	Badio, Barbara P.
Sheet	31	of	31	Attorney Docket Number	05213-0493 (43170-253692)

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	250	Author: WIESE et al.  Publ: <i>Journal of Medicinal Chemistry</i>	Title: Induction of the Estrogen Specific Mitogenic Response of MCF-7 Cells by Selected Analogues of Estradiol-17 $\beta$ . A 3D QSAR Study  Vol/Iss: 40	Pages: 3659-3669	Date: 1997
	251	Author: WURTZ et al.  Publ: <i>Journal of Medicinal Chemistry</i>	Title: Three-Dimensional Models of Estrogen Receptor Ligand Binding Domain Complexes Based on Related Crystal Structures and Mutational and Structure-Activity Relationship Data  Vol/Iss: 41	Pages: 1803-1814	Date: 1998
	252	Author: YASUDA et al.  Publ: <i>Anat. Embryol. (Berl.)</i>	Title: Accelerated differentiation in seminiferous tubules of fetal mice prenatally exposed to ethinyl estradiol (Abstract only)  Vol/Iss: 174 (3)	Pages: 289-299	Date: 1986
	253	Author: YUE et al.  Publ: <i>Molecular Pharmacology</i>	Title: 2-Methoxyestradiol, an Endogenous Estrogen Metabolite, Induces Apoptosis in Endothelial Cells and Inhibits Angiogenesis: Possible Role for Stress-Activated Protein Kinase Signaling Pathway and Fas Expression  Vol/Iss: 51	Pages: 951-952	Date: 1997

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